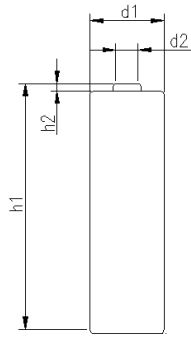


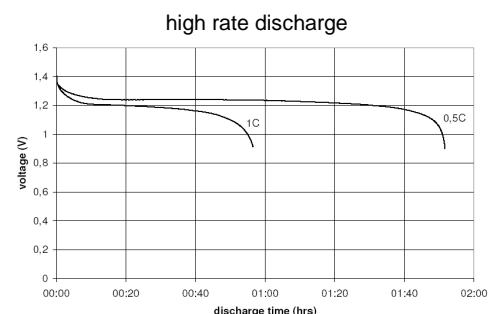
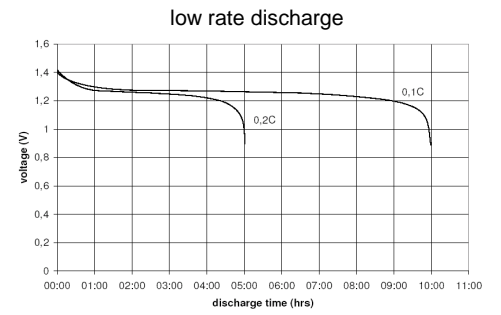
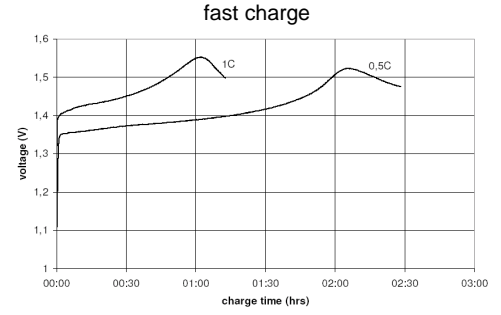
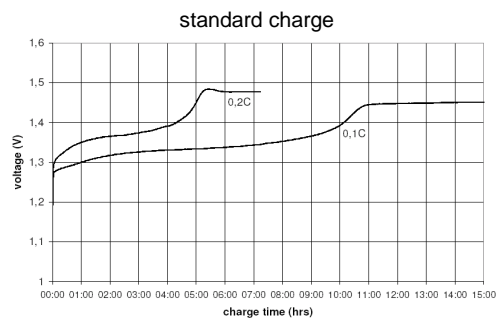
		Conditions	
cell type:		NiMH	
cell size:		AA	
nominal voltage:	1.2	V	
max. charge voltage:	1.5	V	
		at standard charge (0.1C / 20°C)	
capacity			
nominal:	2500	mAh	
minimum:	2400	mAh	
	2200	mAh	
		discharge at 0.2C	
		discharge at 0.2C	
		discharge at 1C	
		1.0V end discharge voltage	
		ta: 20°C	
max. continuous discharge current:	5000	mA	
		ta: 0...45°C	
charge			
standard charge:	250	mA	
quick charge:	700	mA	
fast charge:	2500	mA	
		14...16hrs	
		4hrs	
		1.1hrs	
recommended charge termination control parameters:	0...5	mV	
	0.8...1	°C	
	45...50	°C	
		- ΔV (-deltaV)	
		temperature rise per minute	
		TCO (temperature cut off)	
trickle charge current:	10...50	mA	
		(recommended)	
continuous overcharge: (less than 1 year)	≤ 200	mA	
		no conspicuous deformation	
		no leakage	
internal resistance: (impedance)	≤ 30	mΩ	
		at 1KHz	
		battery fully charged	
life expectancy:	≥ 500	cycles	
		acc. IEC standard	
self discharge			
charge retention:	≥ 75	%	
		after 12 months	
		storage at 20°C	
initial capacity:	≥ 1600	mAh	
		within 30 days after delivery	
		discharge at 0.2C	
ambient temperature range:			
	0...45	°C	
	10...40	°C	
	0...45	°C	
	- 20...65	°C	
	- 20...50	°C	
	- 20...40	°C	
	- 20...30	°C	
		standard charge	
		fast charge	
		discharge (≥1C)	
		discharge (<1C)	
		storage (≤3months)	
		storage (≤6months)	
		storage (≤24months)	

QCT1: 20/2300/30
QCT2: 30/2150/35

mechanical specifications			
cell dimensions			
diameter d1:		14.4 - 0.7	mm
diameter d2:	max.	5.5	mm
height h1:		50.5 - 0.5	mm
height h2:	min.	1.2	mm
weight:		30 ± 2	g



Diagrams



	ANSMANN Specifications for model:	AA - 2500mAh low self discharge bulk package
	data sheet no. / part no.	5035431
	supplier no.	701372
	author / date	Gramlich / 14.02.2012

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice